

ABSTRACT OF THE DISCLOSURE

The operation of a generator is improved in the efficiency throughout a wider range of revolutions.

5 The generator of a magnetic type is provided where a
10 direct current output of a converter which comprises
semiconductor rectifying devices for rectifying the output
of the generator is converted by an inverter to an alternating
current form of a particular frequency. The conduction of
thyristors is determined by a thyristor drive unit 9 to control
15 the voltage output of the converter 3 to a target voltage
level. The target voltage level is set to a positive value
corresponding to the revolution of the generator. The target
voltage level is lowed when the generator is operated at
a lower range of the revolution and elevated when at a higher
range of the revolution. Accordingly, the output of the
magnetic generator is increased substantially in proportion
to the revolution.